Central Intelligence Agency



Washington, D. C. 20505

DIRECTORATE OF INTELLIGENCE

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| | Soviet | Naval | Acti | vity | Outside | Home | Waters | During | 1984 |

Summa rv

NGA, NAVY Reviews Completed

Soviet naval presence outside home waters traditionally has involved only a fraction of the Soviet Navy and this remains true today. It has been steadily increasing, however, and in 1984 reached its highest level ever.

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In addition, the transformation of Cam Ranh Bay in Vietnam into a true overseas base for the Soviet Navy is a major change from the transitory and small-scale use of overseas facilities that has been characteristic of Soviet naval operations outside home waters. The buildup of air strength at Cam Ranh into a regimental-size composite air unit--with strike, fighter, reconnaissance, ASW, and support aircraft-has dramatically increased the presence of Soviet naval aviation deployed outside the USSR. An increased number of surface combatants and general purpose submarines at Cam Ranh form the core of a naval squadron. The Soviets also are continuing to renovate and construct support facilities there, permitting expanded services for air and naval units and probably easing the burden placed on their auxiliary ships.

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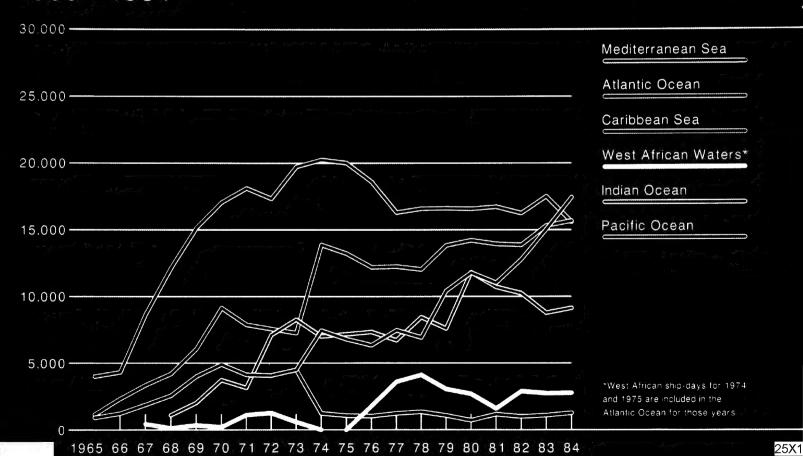
Soviet naval presence has become more robust in several regions:

It increased sharply in the open Pacific Ocean, with nuclear-powered ballistic missile submarines, general purpose submarines, and hydrographic and space event support ships accounting for most of the increase.

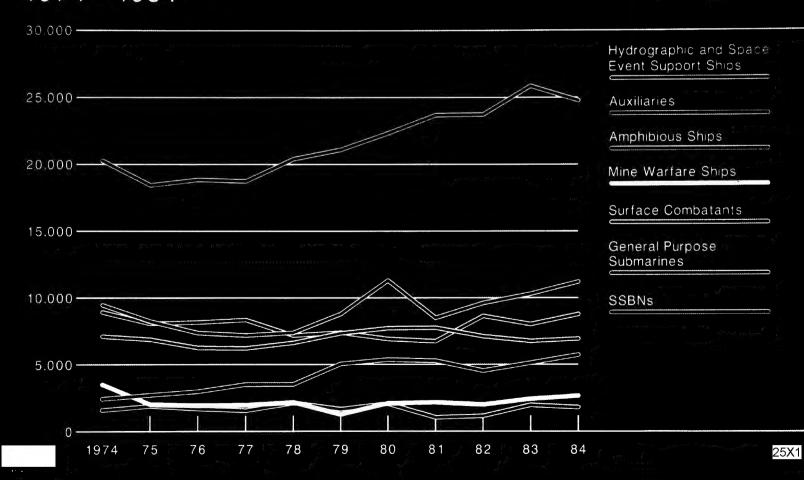
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| 25 X 1 | This memorandum was prepared by Analysis. Comments and queries are welcome and may be addressed to or to Chief, Strategic Forces Division, | the author 25X1 |
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| | Color code vy Copy 26 of 85 | 25X |
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| ° A three-year dec 1984 with an inc | roups visited Cuba in 1984, s helicopter carrier. line in the size of the Ind rease in the average number urface combatants deployed | ian Ocean Squad | oon andad t- |
|--|--|---|---|
| surface and subsurface u | c and along West Africa the and only in the Mediterran nits decline somewhat. Eve bya and Syria occurred more | ean did the leve | . 1 _£ |
| naval forces. As the out value in support of warti is particularly true of t China Sea. They could di allied forces that could | of Soviet naval forces deplored a forces deplored in Third World ports to forces become more ime missions of the Soviet lathe expanded force and support, delay, and perhaps expanded be engaging the build a units in more critical of the sound in the sou | to monitoring We numerous, thei Navy is increasiont present in twen destroy some | lestern r potential ng. This he South US and |
| | | | |
| General Pattern of Soviet | Naval Deployments | | |
| most ever. (We use the y ship away from home water those of preceding years Ship-days in the open Pacincreased slightly in the and remained stable off W | presence outside home wate, to nearly 62,000 ship-day early tabulation of ship-da s for one dayto compare dand to identify changes in ific registered a sharp inc Atlantic Ocean, South Chin est Africa while they declistead of the usual onevis | s spent out of a ysthe presence eployment levels deployment patterease36%. Ship a Sea, and India and in the Modit | area, the e of one s with erns.) ip-days in Ocean |
| Soviet Naval Aviation | | | 25 X 1 |
| one obon tose diamaticalit | ation (SNA) aircraft deploy y in 1984more than doubli iment at Cam Ranh Bay, Viet | na dua ta tha b | |
| r | 2 | | 25 X 1 |
| | | | 25 X 1 |

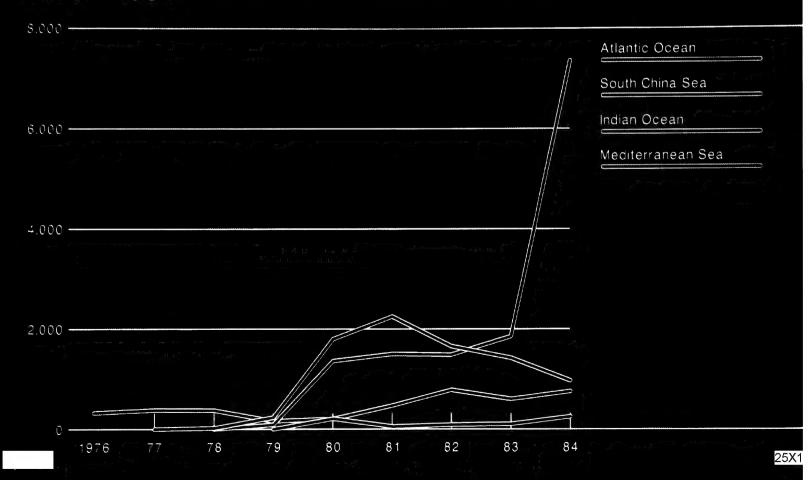
Soviet Ship-Days in Distant Waters, by Region, 1965 - 1984



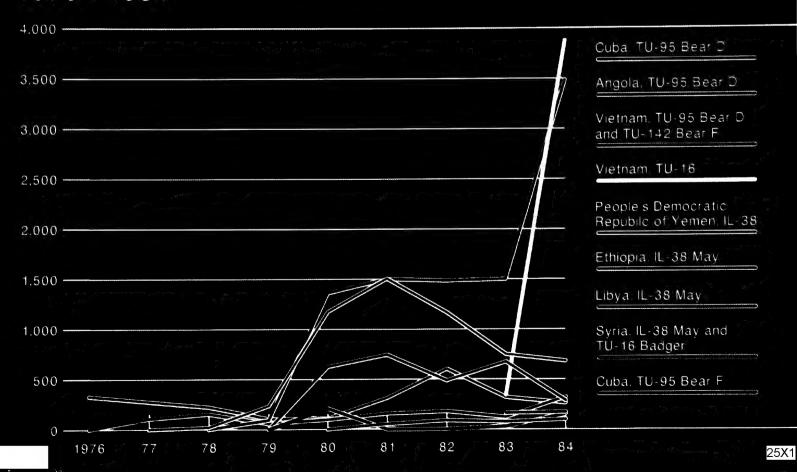
Soviet Ship-Days in Distant Waters, by Type, 1974 - 1984



Total Naval Aviation Out of Area Deployment Days 1976 - 1984



Overseas Deployment of Soviet Naval Aviation 1976 - 1984



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| days for Soviet naval air | ircraft deployments to Libya craft in the Indian Ocean d eased slightly in Cuba, but | ropped significantly in | |
|--|---|--|---------------|
| active, and proficient us presence of naval aircraf presencesurpassed the p 1970s. The Soviets conti | the Soviets have demonstrate of naval aircraft in distant in Vietnamas measured in revious peak established in the diversify the air ordered and various support aircraft. | ant areas. In 1984, the n days of aircraft Egypt in the early der-of-battle at Cam Ranh, | 25 X 1 |
| the Mediterranean region IL-38 deployments to both diversified in 1985 with Badger reconnaissance air of Badgers to the region | aviation deployments occurre in 1984. There was an incre Libya and Syria. The deplo a combination of IL-38 deplo craft staging to Syria. The since a single previous vis- nese aircraft in Egypt in the | ease in the number of oyments have become more oyments to Libya and TU-16 is marked the first visits it to Syria in 1981 and | |
| | | | |
| | | | 25X1 |
| rise in proficiency. Alt overseas, Soviet units co most regions where they o | esence and activity probably nough losses of SNA aircraft ntinue to expand gradually deploy. This evolution probane use of naval aviation in | t still occasionally occur their operational areas in ably will continue as the | |
| Regional Presence and Act | <u>ivities</u> | | 25 X 1 |
| South China Sea | | | |
| into a naval squadron whi in Vietnam. The level of | Soviets built their forces le they renovated or construent surface combatants nearly of ship days in the region | ucted new shore facilities doubled during the year, | |
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Measuring Soviet Naval Presence

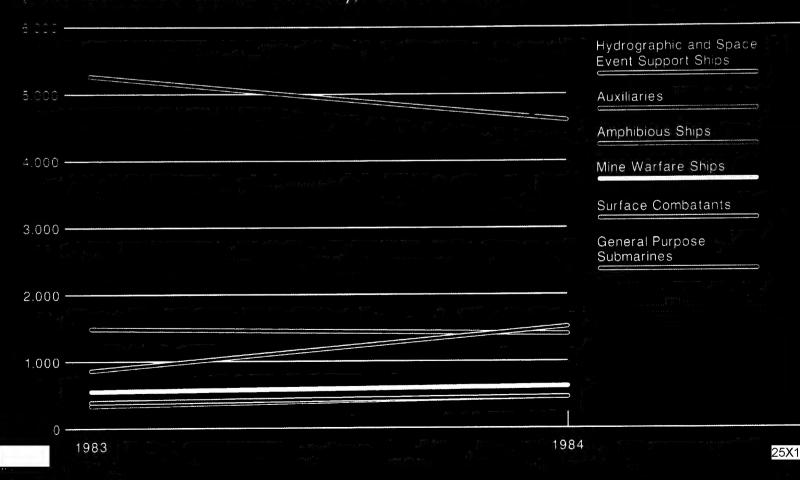
Ship days are the most convenient measure of Soviet naval presence outside home waters, but they can be misleading unless several considerations are taken into account:

- Yearly statistics include the large percentage of noncombat ships that the Soviets maintain abroad. Many naval auxiliaries, such as yard craft, repair ships, and submarine tenders are included in the ship-day count. In 1984, nearly 40 percent of Soviet ship days represented such auxiliary ships and craft. Another 14 percent are accounted for by research vessels and missile testing and space support ships.
- Our figures do not differentiate between days at sea and those spent in foreign ports or sheltered anchorages.
- Ships in transit for sea trials or interfleet transfer are counted, although they may perform only limited operational functions or none at all.
- The Soviet Navy must commit ships to maintenance before, after, and sometimes during overseas deployments to maintain out-of-area force levels. Thus the ship-day count does not reflect the total time involved in supporting distant naval operations.
- Soviet out-of-area deployments attract significant attention, yet on a daily average they involve under 10 percent of the Soviet Navy. In 1984 the Navy deployed on a daily average 19 surface combatants and about 31 general purpose submarines-only about 6 percent of the combatant inventory and about 10 percent of the general purpose submarines.

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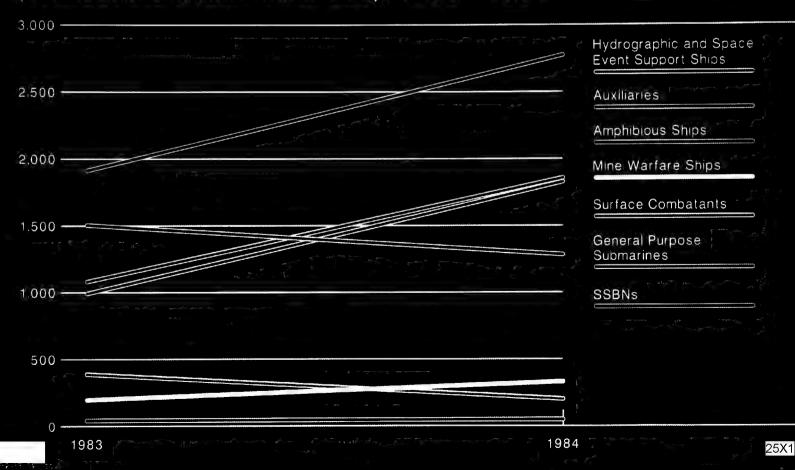
Soviet Ship-Days in the South China Sea (Without the Pacific Ocean), 1983 - 1984



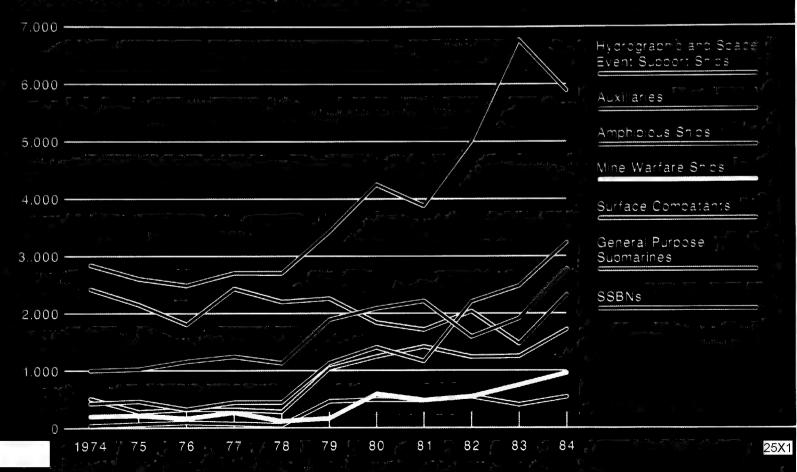
| 13 percent reduction in a | the availability of shore-baseuxiliary ship days. In addi- r and is not reflected adequar | tion, the buildup | 25 X 1 |
|--|---|---|---------------|
| about three or four are the transit to or from the Inmissile-equipped patrol cauxiliaries usually are prigates during transit to | w usually includes four to six based at Cam Ranh and one or indian Ocean. Four small ASW in combatants, two coastal minesworesent in the South China Sector or from the Indian Ocean. | two are there during ships, two weepers, and a number of a, as well as one or two The three to four | |
| | pe a permanently deployed squa | | 25X1 |
| upgrading POL storage and construction-barracks, s | inue to renovate the port far d water pumping facilities storage and other buildings | new at a number of locations | 25X1 |
| on Cam Ranh peninsula in | support of both the airfield | and the port. | 25X1 |
| regiment composed of two reconnaissance aircraft, Flogger fighters. Renova continuing. The Soviets | pear to have formed at Cam Rai to four Bear F ASW aircraft, 16 Badger bombers and support ation and new construction at have established minor maint housing, and have refurbished | two to four Bear D t aircraft, and 14 the airfield is enance facilities, | 25X1 |
| missile-equipped naval co occur. The deployment of would be a logical next s | ve improved the overall defens ombatants and Flogger aircraft f mobile surface-to-surface co step; coastal defense missiles s and have been exported to a | t, and more additions may oastal defense missiles s defend the homewaters | 25X1 |
| in Ho Chi Minh City, whil afloat auxiliaries contir refuelling naval-subordir | ries continued to undergo extere minor maintenance and reparenced in Cam Ranh Bay. Soviet nated oilers supporting the Soused Singapore in 1984 compare | ir activities provided by use of Singapore for outh China Sea squadron | 25X1 |
| impermanence of Soviet ou and Somalia. Soviet air | at Cam Ranh Bay contrasts wi at-of-area presence since the and naval facilities at Cam I permanence; most air and na | ir expulsions from Egypt Ranh continue to grow and | |
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| | | | |
| strength of the Pacific F defending the critical se potentially could aid thi operations in the South C Ranh during war with the permanence of the facilit | f forces at Cam Ranh reduced leet available to carry out a approaches to the USSR. Is mission in an indirect ma nina Sea region. If units Westas implied by the div ies and forces therethey cimately needed for higher | The forces at Cam Ranh anner, however, through stand and fight at Cam versification and could delay, divert, or | |
| Pacific Ocean | | | 25 X 1 |
| percent. The major incre days reflect more numerou the US West Coast, as wel | rea ship days in the open Fase was in submarine days. s patrols of SSBNs and some as increased numbers of generated Endia | The increased submarine e general purpose units off general purpose submarines | 25X1 |
| unprecedented and nearly- away from traditional pat | nt SSBN patrols close to the continuous forward deployment of areas close to the USSF their Y-class deployments | ents of Delta-class SSBNs R. The Soviets have also | 25 X 1 |
| Indian Ocean | | | |
| in 1984 when the force the submarines were usually p combatants were usually t about 25% more time in the and one or two amphibious | cline in the size of the Intere increased slightly. Two resent in 1984, up one from the instead of two to three region, while the present ships remained stable. Au-13 vessels on the average. | n 1983, and three surface ee. Research ships spent ce of a mine warfare ship uxi <u>liary ship prese</u> nce | X 1 |
| at the austere Soviet nave the Red Sea or in South You anchorages off Socotra Is | units continue to spend mos al support facility at Ethi emeni waters, either in Ade land. Port calls are made elles in support of the Rer | iopia's Dahlak Island in en harbor or at the to littoral states, | 5X1 |
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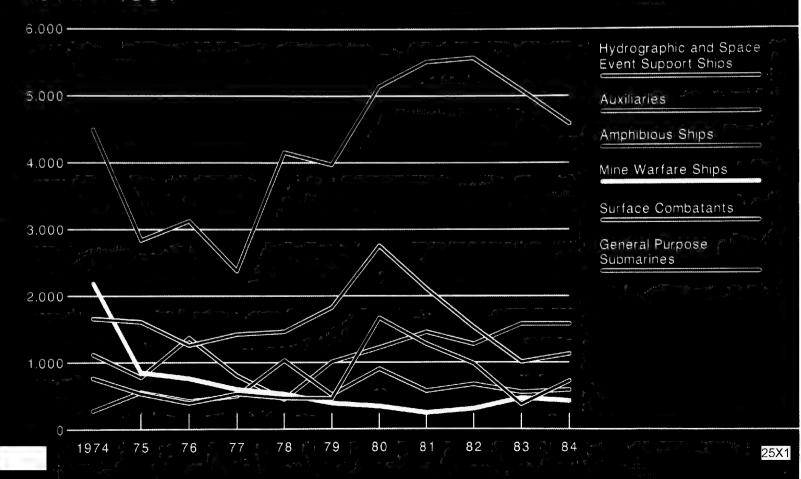
Soviet Ship-Days in the Pacific Ocean (Without the South China Sea), 1983 - 1984



Total Soviet Ship-Days in the Pacific Ocean and South China Sea, 1974 - 1984



Soviet Ship-Days in the Indian Ocean, 1974 - 1984



| | May 1984. | | | |
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| Navy. Sever | combined Soviet-Et 1984, and it may h al Soviet units, i Ethiopian airfield | iave included pa including an F-c | rticipation by | the South Yemeni |
| submarines prone nuclear-prone nuclear-prone K-class | e first deployment the region occurr resent most often powered guided mis patrols in the So more units of this | ed from July to are one diesel- sile unit, eith outh China Sea a | October 1984. -either F-clas er a C-class o nd the Indian | The two s or K-classand r Mod-E-II-class. Ocean can be |
| 23. Dur helicopter ca auxiliaries a hunting opera Red Sea, but departed thro helped boost for mine warf by a Soviet m | ring August, a Sov arrier Leningrad, arrived in respons ations may have be overall the task | iet task force, two minesweeper e to the Red Se en carried out group was gener l in early Nove t for combatant | which includes, and addition a mining inciding south Yemen ally inactive. The press and kept the pusly routine | d the Moskva-class nal combatants and ents. Some mine i waters and in the Its main units sence of the group ship-days total |
| Spor aureuriy | during the year. | | | |
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| 27. No new Soviet naval use of facilities in the Seychelles has occurred despite Soviet donations of fuel oil and assistance in refurbishing and maintaining dilapidated fuel storage tanks. The number of Soviet port calls to Victoria was reduced in 1984. Nonetheless, President Rene's insecurity and ongoing Soviet efforts to play on his concerns may result in some privileges such as occasional landing rights for Soviet naval reconnaissance aircraft or occasional use of fuel storage tanks. 28. Several port calls to Mauritius were made in 1984, mainly by oceanographic research ships. Soviet relations with Madagascar soured in 1984 and early 1985. President Ratsiraka permitted US naval auxiliaries to make port calls in April 1984 and in March 1985 in order to provide humanitarian assistance after natural disasters but has since denied a Soviet request for a ship visit. | 25X1 25X1 25X1 |
| 29. The Indian Ocean Squadron provides a small but visible threat to Western naval forces. The nuclear-powered cruise missile or torpedo attack submarine on patrol in the Arabian Sea serves as the main threat to the US carrier battlegroup there, short of a massive attack by long range aircraft from bases in the southern USSR. The diesel submarine in the region also provides a second threat to Western forces and shipping. The IL-38 aircraft in South Yemen support the submarines with reconnaissance against the carrier group or other targets and ASW screening missions to attempt to detect enemy | |
| 8 | 25 X 1 |

submarines following the Soviet units. The Soviet surface combatants, auxiliaries, and amphibious ships would be of more limited use in the area during hostilities with the West. They could be withdrawn before hostilities or be sacrificed in support of submarine operations. The squadron lacks sustainability in wartime because Dahlak Island is lightly defended and without weapons storage facilities. The squadron could be reinforced with several submarines from Cam Ranh Bay, but this would only aggravate logistic weaknesses and divert resources from what might be the more critical campaign in the Pacific. The few Soviet submarines in the Indian Ocean could conduct operations of limited duration against sea lines of communication (SLOC).

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Atlantic/Caribbean

30. Two task groups transited the Atlantic Ocean to visit Cuba in 1984, instead of the usual one. A Soviet task group arrived in the Caribbean in March and consisted of the Moskva-class helicopter carrier Leningrad, an Udaloy-class destroyer, an F-class diesel-attack submarine, and a naval tanker. The Leningrad is the first helicopter carrier sent to Cuba by the Soviets, and the task group's arrival marked the first visit to the Caribbean by an Udaloy-class ship, the Soviet Navy's newest and most capable antisubmarine warship.

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31. The second group arrived in Cuba on 28 December 1984 for a stay of almost two months. The group was made up of a Sovremennyy-class guided missile destroyer, two frigates, a T-class diesel attack submarine, and an oiler. It represented the 24th Soviet deployment of a task group to Cuba since 1969 and marked the first deployment of a Sovremennyy-class ship to the region.

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Other highlights of the deployment included the transit through the Caribbean south of Jamaica--the first time the Soviets have ventured into those waters with surface combatants. Bear D reconnaissance and Bear F ASW aircraft continued to deploy to Cuba during the year.

32. The Soviets also continued their increased deployment of submarines off the US east coast. Beginning in December 1983, older E-II nuclear-powered cruise missile submarines (SSGNs) engaged in patrols varying 30 to 60 days in length off the US.

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In January 1984, Delta-I and Delta-II SSBNs began patrolling closer to the US in areas previously associated with Yankee-I patrols. On 8 April 1984, the Soviets began more frequent patrols of Yankee-class SSBNs closer to the US

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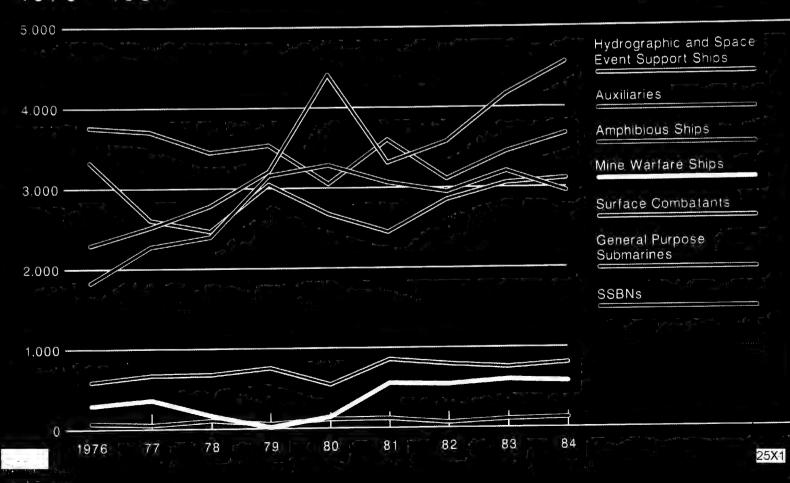
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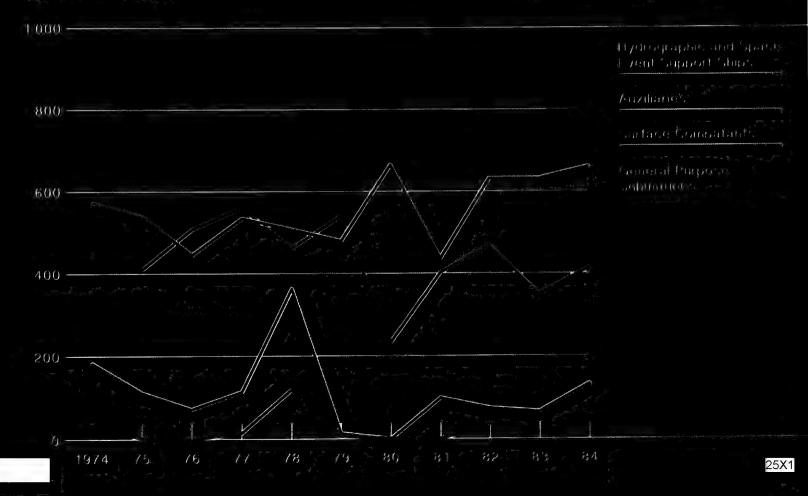
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Soviet Ship-Days in the Atlantic Ocean, 1976 - 1984

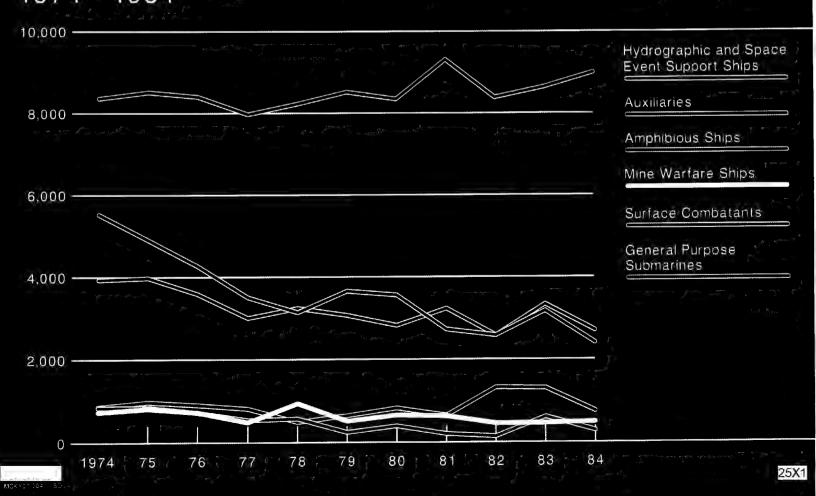


Soviet Ship-Days in the Caribbean Sea 1974 - 1984



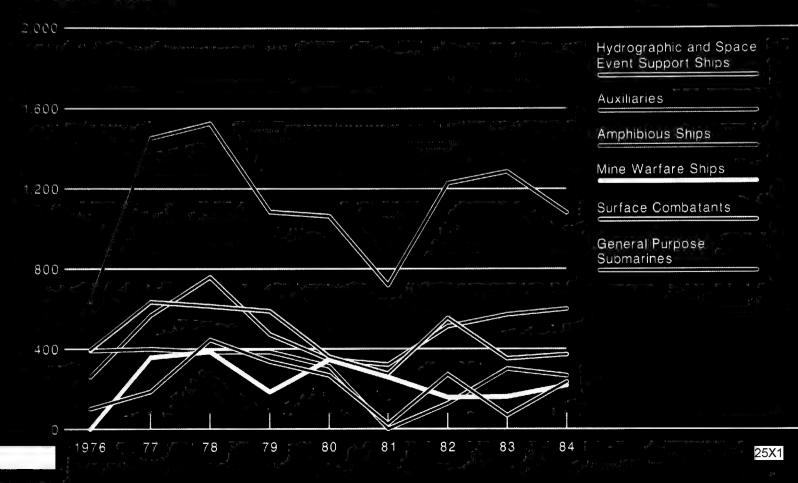
| reduce missile flight times more vulnerable to US ASW 1 | ntage to the Soviets of these deployments is to s. Submarines deployed in these areas, however, are forces than they would be if they were operating in deployments of this sort could cause difficulties intenance. | 25X1 |
|---|--|---------------|
| rather than military reason Europe. Nonetheless, the precursor of eventual routi | oyments may have been intended mainly for political ns as a Soviet reaction to US missile deployments in presence of the E-II off the US coasts probably is a ine deployment of Soviet land-attack cruise SS-NX-24to waters near the US. | 25 X 1 |
| Mediterranean Sea | | |
| mission against Western navelevels in the Squadron have 1984, however, the ship-day 10 percent. This reduction military activity in the expresence of amphibious ship | erranean Squadron has had a recognizable wartime val forces in the region since its inception. Force e not changed dramatically in recent years. In ys of the Soviet Mediterranean Squadron fell by over n probably is due to the cessation of unusual US astern Mediterranean, especially off Lebanon. The pswhich doubled in 1983 with one Alligator or two n the eastern Mediterranean, probably for a ewas sporadic in 1984. | 25X1 |
| reconnaissance aircraft has capability in the eastern a airfields during the opening although exposed, asset. | and Syria for periodic deployment of ASW and s given the Soviets an improved monitoring and central Mediterranean. Soviet access to these ng stages of war would be a particularly valuable, Deployment of IL-38 ASW aircraft to Libya and Syria 4four deployments to Libya and four to Syria | 25 X 1 |
| | | 25 X 1 |
| Algeria and Tunisia for lin Mediterranean. Tunisia gra August after denying Soviet privileges in the late 1970 ports and shipyards provide | inue to use ports in Syria, Libya, and occasionally mited repair and maintenance of combatants in the anted access for a Soviet F-class submarine in t requests since they were last given docking Os. Maintenance work for Soviet units in regional es valuable support for the Mediterranean Squadron alternatives to using overcrowded shipyards in the | 25X1 |
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Soviet Ship-Days in the Mediterranean Sea 1974 - 1984

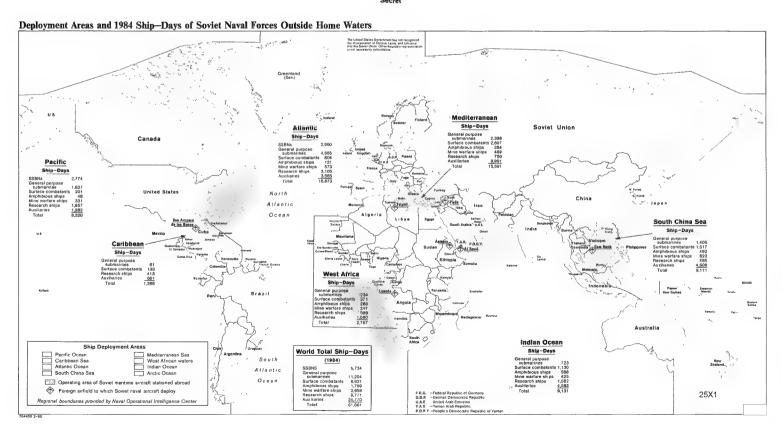


| West Africa 38. There was little change in the size of the Soviet naval patrol off West Africa in 1984. A diesel attack submarine was present in the region for more than half the yearup from the two-month submarine deployment there in 1983. A surface combatant and/or an amphibious ship remained present in Luanda throughout the year, supported by auxiliaries and Soviet naval technicians ashore. The Soviet fisheries protection patrol of one or two minesweepers continued to operate out of Conakry, Guinea. 39. The amount of time spent by TU-95 Bear D naval reconnaissance aircraft in Angola increased in 1984. They maintained the usual low level of activity while deployed, however, and at least some of the increase in time was due to mechanical problems and bad weather delaying scheduled returns to | 25X1 |
|---|--------------|
| Cuba. | 25X1 25X1 |
| 41. The Soviet naval presence off West Africa normally does not present a credible threat to the West in the event of war. Bear D reconnaissance aircraft deployed to Luanda in wartime would be unable to reach the major cross-Atlantic sealanes to be used by US forces and shipping. If a diesel-powered attack submarine was deployed to the region and remained during hostilities, it could conduct limited anti-SLOC missions against merchant shipping, although it would lack adequate logistic support and ordnance reloads. | 25X1 |
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Soviet Ship-Days Off West Africa 1976 - 1984

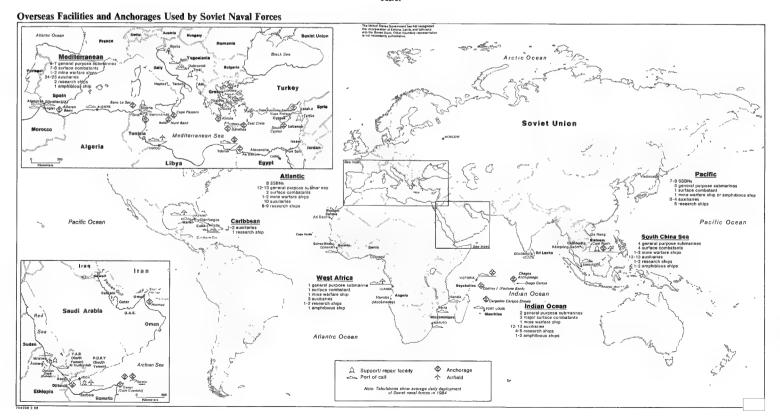


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